Project Weekly report

Topic:- Modelling and Prediction of Athletic Readiness based on Training Load

Group Name: QuadML

Project Definition: 7

Group Member's names:-

- ❖ **Shashvi Shah, Riya Sudani, Dev Dave , Jeel Patel, Yashaswi Patel**

o <u>Initial Model Training:</u>

Train initial models starting with a baseline (Linear Regression, Random Forest). Experiment with other models like Decision Tree. Evaluate early performance using key metrics.

- ▪ <u>Next week Plan:-</u>

- ➢ Next week, we will focus on improving and validating our models. First, we will analyze the results from our initial models to understand their strengths and weaknesses. We will check if any model is overfitting or underfitting and select the best one for further tuning.